DOCUMENT 4/7 **DOCUMENT NUMBER** @: unavailable

IDDAYATE I JAVANESTE

1. JP,2001-294539,A

- 2. JP,2000-325510,A
- 3. JP,2001-234356,A
- 4. JP,2001-149774,A
- 5. JP,2002-088487,A
- 6. JP,2002-144378,A
- 7. JP,2003-084332,A

PATENT ABSTRACTS OF JAPAN

(11)Publication number:

2001-

149774

(43)Date of publication of application: 05.06.2001

(51)Int.Cl.

B01J 19/12 CO3C 17/10 CO3C 21/00 GO1N 21/65

HO1M 4/00

(21)Application number: 11-

(71)Applicant: JAPAN

342146

SCIENCE & TECHNOLO

CORP

(22)Date of filing:

01.12.1999 (72)Inventor: YAMADA

ATSUSHI NIITOME

YASURO HORI AYAK

(54) LIGHT IMMOBILIZING METHOD FOR METALLIC FINE **PARTICLES**

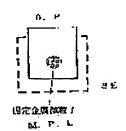
(57)Abstract:

PROBLEM TO BE

SOLVED: To provide (4) a method of sticking metallic particles on a substrate, which is free from the problem on health due to a solvent and the inconvenience for a specific pretreatment on the surface of the substrate.

SOLUTION: The metallic particles are immobilized on the surface of a material to be coated by dipping the material

近端がたべたス (10ns, 1984mm) L. K マスク パルスレ・サー発生器 M.C. 9 金属コロノ ド茶紋



EXOX NEXT



to be coated in a colloidal solution of the metallic particles and irradiating it with laser beam exciting the metallic particles in ultraviolet or near infrared wave region.

(h)